Recommended Kindergarten Curriculum Framework

Content: SCIENCE—Kindergarten						
Topic: Organisms (Weeks 29-36)						
Content (What do your students need to KNOW?)	**Demonstrators** (What do your students need to be able to DO?)	**Assessment** (How will you assess what your students ALREADY KNOW, and assess WHAT THEY'VE LEARNED?)	**Activities** (HOW will you teach it?)	**Resources** (What MATERIALS will you need?)	**Differentiation** (How will you reach the DIVERSITY of learners?)	**Literacy Connection** (How will you use READING and WRITING with this material?)
Life Cycles **SC-E-3.2.1** Plants and animals have life cycles that include the beginning of life, growth and development, reproduction, and death. The details of a life cycle are different for different organisms. **Heredity** **SC-E-3.2.2** Plants and animals closely resemble their parents at some time in their life cycle. Some characteristics (e.g., the color of flowers, the number of appendages) are passed to offspring. Other characteristics are learned from interactions with the environment, such as the ability to ride a bicycle, and these cannot be passed on to the next generation.	**POS-S-P-LS-5** Students will understand that organisms have life cycles that are different for different organisms. **POS-S-P-LS-4** Students will understand that organisms resemble their parents. **POS-S-4-LS-6** Students will understand that characteristics of organisms are inherited or learned.					

Content: SCIENCE—Kindergarten						
Topic: Organisms (Weeks 29-36)						
Content (What do your students need to KNOW?)	**Demonstrators** (What do your students need to be able to DO?)	**Assessment** (How will you assess what your students ALREADY KNOW, and assess WHAT THEY'VE LEARNED?)	**Activities** (HOW will you teach it?)	**Resources** (What MATERIALS will you need?)	**Differentiation** (How will you reach the DIVERSITY of learners?)	**Literacy Connection** (How will you use READING and WRITING with this material?)
Survival **SC-E-3.3.2** The world has many different environments. Distinct environments support the life of different types of organisms.	**POS-S-P-LS-6** Students will understand that organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rain forests) on Earth that support different types of organisms. **The Nature of Science: Experimental Design** **AE 2.1** Students understand scientific ways of thinking and working and use those methods to solve real-life problems. **Demonstrators** • Conduct and report an investigation or experiment. • Collect data by using a variety of observation techniques. • Observe and communicate properties of objects or organisms using all senses.					